DOCUMENT RESUME

ED 187 236 HE 012 702

TITLE	Activities Carried Out Under the Veterans' Administration Medical School Assistance and Health Manpower Training Act of 1972 (Public Law 92-541), An Annual Report Prepared by the Veterans' Administration.
INSTITUTION	Congress of the U.S., Washington, D.C. House Committee on Veterans' Affairs.
PUB DATE	13 Feb 80
NOTE	60p.; Small print may be marginally legible.
AVAILABLE FROM	Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402
EDRS PRICE	MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS	*Allied Health Occupations Education; *Federal Aid; Federal Legislation; Financial Support; *Government School Relationship; Grants; Higher Education; Hospital Schools; Institutional Cooperation; Medical Education; *Medical Schools; *Medical Services; Program Evaluation; State Colleges; *Veterans
IDENTIFIERS	*Veterans Administration

ABSTRACT

The third annual report (fiscal year 1979) of the activities carried out under the Veterans' Administration Medical School Assistance and Health Manpower Training Act of 1972 (Public Law 92-541) is presented. Under this special authority grants have been made to assist in the establishment of new state medical schools, to existing medical schools, and to institutions involved in training other professional and technical health personnel. All activities are conducted in affiliation with Veterans' Administration (VA) health care facilities and support the provision of health care to eligible veterans. The following information is presented: legislative provisions, authority for appropriations, appropriations and program implementation, the future of the program, program administration, and the current status of: grants for the establishment of new state medical schools, grants to affiliated medical schools, grants to other health manpower training institutions, and expansion of VA hospital education and training capacity. Charts provide information on grant amounts to medical schools and other facilities, the affiliated VA medical center, the discipline area, and the period of the award. Descriptions of completed grant programs are appended. (SW)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

HE

ED187236

96th Congress
2d Session } HOUSE COMMITTEE PRINT NO. 59

ACTIVITIES CARRIED OUT UNDER THE VETERANS' ADMINISTRATION MEDICAL SCHOOL ASSISTANCE AND HEALTH MANPOWER TRAINING ACT OF 1972

(Public Law 92–541)

AN ANNUAL REPORT

PREPARED BY THE

VETERANS' ADMINISTRATION

Pursuant to Section 5070(h) of Title 38, U.S. Code)

SUBMITTED TO THE

COMMITTEE ON VETERANS' AFFAIRS
U.S. HOUSE OF REPRESENTATIVES

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

FEBRUARY 13, 198

Printed for the use of the Committee on Veterans' Affairs

U.S. GOVERNMENT PRINTING OFFICE
59-916 O WASHINGTON : 1980

HE012 702

2 MAY 16 1980

COMMITTEE ON VETERANS' AFFAIRS

RAY ROBERTS, Texas, *Chairman*

DAVID E. SATTERFIELD III, Virginia
DON EDWARDS, California
G. V. (SONNY) MONTGOMERY, Mississippi
GEORGE E. DANIELSON, California
LESTER L. WOLFF, New York
JACK BRINKLEY, Georgia
RONALD M. MOTTL, Ohio
W. G. (BILL) HEFNER, North Carolina
ROBERT W. EDGAR, Pennsylvania
SAM B. HALL, Jr., Texas
DOUGLAS APPLEGATE, Ohio
MARVIN LEATH, Texas
WILLIAM HILL BONER, Tennessee
PHIL GRAMM, Texas
RICHARD C. SHELBY, Alabama
DAN MICA, Florida
THOMAS A. DASCHLE, South Dakota
TONY COELHO, California
CLAUDE (BUDDY) LEACH, Louisiana

JOHN PAUL HAMMERSCHMIDT, Arkansas
MARGARET M. HECKLER, Massachusetts
CHALMERS P. WYLIE, Ohio
ELWOOD HILLIS, Indiana
JAMES ABDNOR, South Dakota
TENNYSON GUYER, Ohio
GEORGE HANSEN, Idaho
HAROLD S. SAWYER, Michigan
WAYNE GRISHAM, California
H. JOEL DECKARD, Indiana
GARY A. LEE, New York

A. M. WILLIS, Jr., *Staff Director*
MACK G. FLEMING, *Chief Counsel*

VETERANS' ADMINISTRATION,
OFFICE OF THE ADMINISTRATOR OF VETERANS' AFFAIRS,
Washington, D.C., February 1, 1980.

Hon. RAY ROBERTS,
Chairman, Committee on Veterans' Affairs,
House of Representatives,
Washington, D.C.

DEAR MR. CHAIRMAN: Transmitted herewith is the third annual report of the activities carried out under the Veterans' Administration Medical School Assistance and Health Manpower Training Act of 1972 (Public Law 92–541).

Under this special authority grants have been made to assist in the establishment of new State medical schools, to existing medical schools, and to institutions involved in training other professional and technical health personnel. All activities are conducted in affiliation with Veterans' Administration health care facilities and are directed toward the availability of well-trained health manpower in support of our primary responsibility of providing quality, comprehensive health care to eligible veterans.

The first annual report contained a record of the historical background of the program and the activities carried out from the initial appropriation of funds in late fiscal year 1973 through fiscal year 1977. The second annual report concentrated on the developments of fiscal year 1978, and this third report deals with activities during fiscal year 1979.

Sincerely,

MAX CLELAND,
Administrator.

Enclosure.

TABLE OF CONTENTS

	Page
Letter of Transmittal	III
Preface	VII
Introduction	1
Background	2
Summary of legislative provisions	2
Authority for appropriations	2
Appropriations and program implementation	3
The future of the program	5
Program administration	6
Current status of grants	6
Subchapter I	6
Subchapter II	10
Subchapter III	10
Subchapter IV	11
Summary	12
List of tables	4
Table 1—History of appropriations	4
Table 2—Audited grantee institutions	7
Table 3—Subchapter I (assistance in the establishment of new State medical schools—financial data)	8
Appendices	13
A. Subchapter I—Staff visits	13
B. Subchapter II and III—Staff visits	16
C. Subchapter II—Grants to affiliated medical schools	21
D. Subchapter IV—Projects	23
E. Subchapter III—Grants to other health manpower training institutions	27
F. Completed subchapter III grants	35
G. Descriptions of completed grant programs	41

PREFACE

The following Report to the Congress is mandated under Public Law 94-581, VETERANS OMNIBUS HEALTH CARE ACT OF 1976:

"Sec. 116, Chapter 82 of Title 38, United States Code is amended by -

" (2) inserting at the end of section 5070 the following new subsection:

(h) Not later than ninety days after the end of each fiscal year, the Administrator shall submit to the Congress a report on activities carried out under this chapter, including (1) an appraisal of the effectiveness of the programs authorized herein in carrying out their statutory purposes and the degree of cooperation from other sources, financial and otherwise, (2) an appraisal of the contributions of such programs in improving the quality and quantity of physicians and other health care personnel furnishing hospital care and medical services to veterans under this title, (3) a list of the approved but unfunded projects under this chapter and the funds needed for each such project, and (4) recommendations for the improvement or more effective administration of such programs, including any necessary legislation;"

INTRODUCTION

This is the Third Annual Report of the activities carried out under the Veterans Administration Medical School Assistance and Health Manpower Training Act of 1972 (P.L. 92-541). The First Annual Report was submitted on January 3, 1978, and contained a record of the legislative history of this grants program, the initial appropriations of funds and implementation of the program, and the activities carried out through FY 1977. The Second Annual Report dealt more with early results of the grant supported programs, including increases in the health manpower enrollments, closer partnership arrangements among and between educational health care institutions (including the VA), the extent to which State and local governments have shared in the operation and continuation of grant-assisted educational activities, and the ways in which grants contribute to improving the health care provided veterans. It also provided up-dates on the day-to-day management of the appropriations as authorized under P.L. 92-541 and governed by published regulations and guidelines.

This report will highlight the progress of the academic institutions and other educational agencies which, with the grant funds and with the co-operation of their affiliated VA medical centers, are moving steadily toward achieving the objectives of the Congress as set forth in the Joint Resolution which was signed into law in October 1972:

> "...Whereas because of the size, diversity, and quality of its medical program, the Veterans' Administration's Department of Medicine and Surgery is uniquely qualified to assist in the expansion and improvement of existing affiliated medical schools and other health professions schools, in the establishment of new medical and health professions schools, and in the expansion and improvement of education and training opportunities for allied health and other personnel; and
>
> Whereas it is essential that an adequate number of physicians, health professionals, allied health personnel, and other health personnel be trained if the Congress is to discharge its responsibility to provide the best possible medical care for the Nation's veterans..."

For background and program description which will not be repeated here, the first two Annual Reports are available as:

1) Senate Committee Print No. 16, 19th Congress, 2nd Session, February 13, 1978; and

2) House Committee Print No. 1, 96th Congress, 1st Session, January 19, 1979.

BACKGROUND

Summary of Legislative Provisions

The Veterans Administration Medical School Assistance and Health Manpower Training Act of 1972 (P.L. 92-541) amended Part IV of Title 38, United States Code to include Chapter 82:

Subchapter I - Assistance in the Establishment of New State Medical Schools - Authorizes grants and other assistance to State colleges or universities to establish new State schools of medicine or osteopathy in affiliation with Veterans Administration medical facilities. The VA can lease land and buildings with space modifications and equipment, and make grants to assist in the costs of faculty salaries.

Subchapter II - Grants to Affiliated Medical Schools - Authorizes grants to medical schools, which have maintained affiliations with Veterans Administration medical facilities, for the expansion and improvement of their educational capacities; and to form co-operative arrangements with professional and technical allied health manpower training institutions to improve and expand health manpower utilization.

Subchapter III - Grants to Assist in the Education and Training of Professional and Technical Allied Health Manpower - Provides assistance in the establishment of programs within institutions and agencies, affiliated with the Veterans Administration medical facilities, designed to coordinate, improve and expand the training and utilization of professional and technical allied health personnel.

Subchapter IV - Expansion of Veterans Administration Hospital Education and Training Capacity - From funds appropriated to the Veterans Administration, necessary expenditures can be authorized to enhance the education and training capacity of VA hospitals which will participate in programs of institutions or agencies to which the grants are awarded.

Authority for Appropriations-Sections 5072 and 5082 of 38 USC Chapter 82 authorize annual appropriation of funds for fiscal years 1973 through 1979 -

. Section 5072 provides for $25 million each year which may be used only for the purposes of Subchapter I (New State Medical Schools),

. Section 5082 provides for $50 million each year which may be used for purposes of the entire Chapter 82 (Affiliated Medical Schools and Other Health Manpower Training Programs, as well as New State Medical Schools). All appropriations remain available for six full fiscal years after the fiscal year in which they are appropriated.

Appropriations and Program Implementation

Appropriations for the initiation of the programs were received at the end of fiscal year 1973 ($20 million) and in fiscal years 1974 ($25 million) and 1975 ($10 million). The statute provides for funds appropriated under these authorities to remain available for obligation for six years after the year in which they were appropriated.

During fiscal year 1974 and 1975, 125 grantees were selected on the basis of competitive applications proposing projects covering periods of up to seven years. Funding for the total period - as recommended to, and approved by, the Administrator - was committed, with continuation grants awarded annually. Continuation awards are based upon satisfactory program progress and appropriate accounting and expenditure practices, and take into account unexpended balances from previous years. Grantees were clearly informed that each annual award is dependent upon the availability of appropriated funds. No new awards were made in fiscal year 1976. Then during FY 1977, a $10,045,000 supplemental appropriation was received to enable the VA to award 33 additional multiple-year grants. These grants were made based on applications previously approved, with the full amount obligated but with expenditures by the grantee subject to annual review and adjustments as described above.

In summary, a total of 158 grants was awarded, with no new grants being made after FY 1977. Appropriations during the FY 1973-1979 period totalled $296,693,000, including $104,905,000 in FY 1979 made possible by the Veterans Health Care Programs Extension Act of 1978 (P.L. 95-520) which authorized appropriations to "... meet fully the commitments made by the Administrator prior to May 1, 1978..."

Amounts authorized and amounts appropriated are shown in Table 1.

TABLE 1

HISTORY OF APPROPRIATIONS
Assistance for Health Manpower Institutions

Fiscal Year	38 USC 5072		38 USC 5082	
	Authorized	Appropriated	Authorized	Appropriated
1973	$ 25,000,000	-	$ 50,000,000	$ 20,000,000
1974	25,000,000	$ 23,000,000	50,000,000	-
1975	25,000,000	-	50,000,000	10,000,000
1976	25,000,000	12,881,000	50,000,000	25,451,000
1977	25,000,000	9,200,000	50,000,000	35,845,000
1978	25,000,000	24,177,000	50,000,000	29,234,000
1979	62,564,000	62,564,000	42,341,000	42,341,000
TOTALS	$212,564,000	$133,822,000	$342,341,000	$162,871,000

THE FUTURE OF THE PROGRAM

In recognition of the fact that FY 1979 was the final year in which appropriations were to be authorized, a great deal of consideration was given to the future of these programs, both in terms of assuring completion of the activities covered by existing grants and of the use of this authority in meeting some of the specific health manpower needs of the VA, as well as assisting in meeting the Nation's needs.

It is recognized that circumstances and philosophies have changed since the early 1970s, and the production of greater numbers of physicians and other health manpower is no longer seen as the answer for solving the problems of the Nation's health services delivery system. However, VA grants programs have made a number of important contributions to the quality and geographic distribution, as well as the size, of health manpower training programs. They have also had a demonstrable effect on the quality and scope of services available in a number of affiliated VA health care facilities across the country.

In entering into plans for the final year of the authorization, the Department of Medicine and Surgery sought advice and guidance from many sources, in and outside the Agency. The consensus was that in the future, programs more limited in length and targeted to unique opportunities represented by academic/VA partnerships would be exceedingly valuable as adjuncts to the other education and training programs of the Department.

After consideration of all of the factors, including the present economic climate as it affects, and is affected by, the costs of health care, the Veterans Administration determined not to seek extension of the authorities for appropriation of funds for the new grant programs, but to work under the present authority to fulfill all commitments to the present grantees.

However, the Veterans Health Programs Extension and Improvement Act of 1979 (H.R. 3892) which was passed by Congress and signed into law on December 20, 1979, as P.L. 96-151, includes amendments to 38 USC Chapter 82. This legislation

. Precludes entering into any agreements under Subchapter I (Assistance in the Establishment of new State Medical Schools) after September 30, 1979;

. Authorizes the appropriation under Section 5082 of $15 million for fiscal year 1980, $25 million for 1981, and $30 million for 1982 for grants and awards under Subchapters II, III, and IV;

. Eliminates the assurance of increased enrollments as a condition for receipt of grants by medical schools (Subchapter II).*

* Legislative history would indicate that a similar amendment, applying to grants to other health professions training institutions (Subchapter III) was intended, but inadvertently omitted from the enrolled bill which reached the President. Clarification — and technical amendment, if appropriate — will be sought.

PROGRAM ADMINISTRATION

As the grant supported activities have developed, the Agency's experience in the administration of the programs continues to assure satisfactory compliance on the part of grantees with the rules and regulations governing the management and utilization of the Federal funds, and with the programmatic goals and objectives which each grantee proposed in the application, upon the basis of which each grant was awarded.

Forty six audits have been completed on grants awarded to twenty-seven grantees as listed in Table 2. Requests have been made to the Department of Health Education and Welfare for audits of thirty-two additional grants awarded to grantees under the audit cognizance of the DHEW Inspector General. Many of these additional audits are in process. Grants selected for priority audits have been determined based on the amount of dollars involved and the total program period for grants awarded. Using these criteria, audits conducted and to be completed in the near future cover up to 54 percent of costs reported through June 30, 1979 and grants that are of short duration receive primary audit consideration.

Programmatic achievements of the grant-supported activities are summarized in the following section of this report. The Office of Academic Affairs of the Department of Medicine and Surgery continues to maintain cyclic review of regularly occurring reports on both the financial status and programmatic progress of each grantee and will do so until all appropriated funds are fully utilized and accounted for. To supplement such documentary review, staff visits are made as appropriate. See Appendices A and B.

CURRENT STATUS OF GRANTS

Subchapter I - Assistance in the Establishment of New State Medical Schools

Five grants were awarded to assist in the establishment of new State medical schools, and a brief status report on the progress of each follows. Information on the amounts awarded each institution can be found in Table 3.

Wright State University School of Medicine, in affiliation with the Dayton VA Medical Center, July 1974 - June 1981. This school has admitted four classes of students: 32 in 1976, 48 in 1977, 76 in 1978, and 100 in 1979.

Medical school faculty has grown to 175 full-time-equivalents plus a voluntary faculty in excess of 700. A faculty practice group has been organized and incorporated, and 56 house staff are currently allocated to the VAMC. Space modifications for those aspects of the teaching program which are conducted at the VAMC include a medical education addition to the hospital and a basic science teaching addition which is currently in the working drawings stage.

TABLE 2

AUDITED GRANTEE INSTITUTIONS

Grantee	Sub-Chapter	Audit Period	Cognizant Agency
Texas A&M University	I	9/1/7? - 8/31/76	DHEW
University of South Carolina	I	7/1/73 - 6/30/76	DHEW
Wright State University	I	7/1/74 - 6/30/78	DCAA
Chicago Medical School	II	7/1/75 - 12/31/78	DHEW
Loyola University of Chicago	II	5/1/75 - 12/31/78	DHEW
Southern Illinois University	II	4/1/75 - 6/30/78	DHEW
University of California, Irvine	II	7/1/74 - 9/30/78	DHEW
San Diego	II	7/1/74 - 3/31/78	DHEW
San Francisco	II	7/1/75 - 6/30/78	DHEW
University of Florida	II	7/1/73 - 6/30/75	DHEW
University of Kansas Medical Ctr	II	7/1/74 - 9/30/78	DHEW
University of North Dakota	II	7/1/73 - 6/30/77	DHEW
University of South Dakota	II	7/1/72 - 3/31/7?	DHEW
Area Health Education Consortium Tuskegee, Alabama	III	7/1/74 - 12/31/75	Grantee Initiated *
Bronx Health Manpower Consortium	III	7/1/74 - 6/30/76	DHEW
Louisiana State University (2 grants)	III	7/1/69 - 6/30/76	DHEW
University of Arkansas	III	7/1/70 - 6/31/75	DHEW
University of California, Los Angeles	III	7/1/74 - 6/30.78	DHEW
University of California, San Francisco	III	7/1/75 - 9/30/78	DHEW
University of Florida (3 grants)	III	7/1/73 - 6/30/75	DHEW
University of Nevada	III	7/1/74 - 6/30/79	DHEW
University of Tennessee	III	7/1/74 - 12/31/78	DHEW
University of Utah (2 grants)	III	7/1/74 - 6/30/78	DHEW
Utah State University (2 grants)	III	7/1/72 - 6/30/77	Interior
Virginia Commonwealth University	III	7/1/71 - 6/30/76	DHEW
Virginia Polytechnic Institute and State College	III	7/1/75 - 6/30/78	DHEW
Weber State College	III	7/1/72 - 6/30/75	DHEW

* Grantee initiated: Audit conducted by Otha L. Brandon, CPA, Memphis, Tennessee

TABLE 3

SUBCHAPTER I
ASSISTANCE IN THE ESTABLISHMENT OF
NEW STATE MEDICAL SCHOOLS
(Financial Data)

WRIGHT STATE UNIVERSITY, SCHOOL OF MEDICINE

	Faculty	Facilities	Total
Support Level Committed	$20,338,055	8,235,914	$28,573,969
Commitment Met	16,776,420	5,683,020	22,459,440
Commitment Balance	3,561,635	2,552,894	6,114,529

UNIVERSITY OF SOUTH CAROLINA, SCHOOL OF MEDICINE

Support Level Committed	$12,819,212	17,646,629	$30,465,841
Commitment Met	6,480,927	5,388,472	11,869,399
Commitment Balance	6,338,285	12,258,157	18,596,442

TEXAS A&M UNIVERSITY, SCHOOL OF MEDICINE

Support Level Committed	$12,903,943	4,167,666	$17,071,609
Commitment Met	6,575,225	3,417,556	9,992,781
Commitment Balance	6,328,718	750,110	7,078,828

MARSHALL UNIVERSITY, SCHOOL OF MEDICINE

Support Level Committed	$12,763,[illegible]	9,756,426	$22,520,053
Commitment Met	6,695,6[illegible]	9,264,669	15,960,346
Commitment Balance	6,067,950	491,757	6,559,707

EAST TENNESSEE STATE UNIVERSITY, COLLEGE OF MEDICINE

Support Level Committed	$19,265,224	16,111,168	$35,376,392
Commitment Met	7,316,511	2,948,801	10,265,312
Commitment Balance	11,948,713	13,162,367	25,111,080

8

The University of South Carolina School of Medicine, in affiliation with the Columbia VA Medical Center, November 1974 - October 1981. Three classes of students have been admitted: 24 in 1977, 36 in 1978, 39 in 1979. The medical school faculty is now 95 full-time-equivalents, and including volunteer faculty and joint appointments with affiliated hospitals it exceeds 270. There are 31.5 house staff currently allocated to the VAMC. Among the facility improvements at the VAMC are a medical library and office addition and substantial renovating and equipping of space for office and laboratory use.

Texas A&M University School of Medicine, in affiliation with Temple, Waco and Marlin VAMC's, March 1976 - February 1983. The first class of 32 students was admitted in 1977, a second class of 32 in 1978, and a third class of 32 in 1979. All basic science department head positions have been filled, clinical faculty appointments number over 60, with plans to bring the total clinical faculty (paid and volunteer) to about 205. Currently there are 19 house staff positions at the Temple VAMC. Alterations at the Temple VAMC have provided a student union, student housing, a medical library, and an amphitheater and laboratory space as well as the extension of an existing microwave/closed-circuit television linkage among participating institutions.

Marshall University School of Medicine, in affiliation with the Huntington VA Medical Center, July 1976 - June 1983. This school admitted its first class of 24 in January 1978, a second class of the same number in September 1978, a third class of 36 in 1979. Recruitment of full-time faculty, including department chairmen is nearing completion and includes about 260 paid and volunteer clinical faculty. Currently these are 21 VAMC house staff positions allocated. Space modifications at the Huntington VAMC include a hospital addition to provide space for basic and clinical sciences and animal facilities. Other renovations will provide laboratory and administrative space. The Beckley VA Medical Center is participating in community-based house staff programs which will be incorporated in the Medical School programming.

East Tennessee State University College of Medicine, in affiliation with the Mountain Home VA Medical Center, August 1977 - July 1984. A charter class of 24 was enrolled in 1978 and a second class of 32 in 1979. Basic science faculty has reached full functional capability and nearly all clinical chairmen have been appointed. New graduate medical education programs are being developed and Directors of Medical Education have been appointed at affiliated community hospitals. There are 19 VAMC house staff positions currently allocated. A medical education addition is being planned at the VAMC to house faculty offices, classrooms, and laboratories.

57-924 O - 80 - 3

Each of these five new State medical schools has received supplemental grant support over and above the level orginally approved and each has established a viable base of State support to assure its continuation. All five schools emphasize the production of primary care physicians and the development of undergraduate and graduate educational programs toward this end.

Significantly, of the total physician faculties of the five new State medical schools, approximately 400 serve full or part-time in providing medical service in the affiliated VA medical centers, in connection with these grant programs.

Subchapter II - Grants to Affiliated Medical Schools:

The 18 grants to affiliated medical schools continue. A listing of the grantees appears as Appendix C. The activities of grants made under this Subchapter fall into four classifications:

1. General expansion and improvement: to refine, modify, and improve curriculum; to develop and strengthen individual clinical departments; to diversify and enhance clinical affiliations.

2. Special projects: to experiment with curriculum design; to initiate special emphases in areas such as primary care, preventive medicine, geriatric medicine, ambulatory care; to initiate programs geared toward the needs of students transferring from foreign medical schools.

3. Conversion of existing two-year medical school programs to four-year degree-granting institutions.

4. Creation and expansion of two-year clinical outreach campuses to provide geographically dispersed facilities, practice settings and service constituencies.

All 18 medical schools have substantially increased their undergraduate enrollment since the academic year prior to the implementation of this program of grants and many are also enhancing and expanding their graduate and continuing medical education activities. Ten of the affiliated VA medical centers have been approved to receive Subchapter IV funds for educational facilities improvements, ranging from $17,000 worth of telecommunications equipment at the San Juan VAMC to $2.5 million for the addition of a medical education wing at the Fresno VAMC. See Appendix D. In addition, over 500 faculty receive full or part-time salary support from grant budgets, and approximately 325 are physicians who spend time serving patients in VA medical centers.

Subchapter III - Grants to Other Health Manpower Training Institutions:

Under this Subchapter, 135 grants have been awarded. See Appendix E for a list of those grants remaining in force. Grantees include academic

institutions and community-based consortia of health care and educational institutions with programs in the gamut of traditional allied health disciplines as well as nursing, optometry, dental auxiliaries, social work, pharmacy and podiatry. Grantees cover the geographic spectrum as well, including 40 states, the District of Columbia, and Puerto Rico.

Each grant-supported program is conducted in affiliation with one or more VA medical centers, and many are specifically designed either to meet the needs of the individual VA medical center or the VA system as a whole, or to take advantage of the unique resources and clinical capabilities of the affiliated VA. Appendix D shows that facilities improvements have occurred at 25 separate VA medical centers through Subchapter IV funds awarded in conjunction with Subchapter III grants. To date 57 Subchapter III programs have been completed: two were terminated by the VA and components of two others were closed early. All others completed their planned program periods according to schedule. Most of these programs are continuing post-grant with other funding. See Appendix F for a listing of completed grants, and appendix G for a brief summary of each completed grant.

Subchapter IV - Expansion of Veterans Administration Hospital Education And Training Capacity

Part one of Subchapter IV provides for the allocation of funds for modifying and equipping space in VA medical care facilities to help them accommodate the educational programs in which they are participating. This authority has been used only for activities related to Subchapter II and III grants, as listed in Appendix D.

The legislation limits Subchapter IV expenditures to an amount not to exceed 30 percent of the funds appropriated for Subchapter II and III under 38 U.S.C. 5082. Actual allocations have involved less than three percent of such appropriations.

Part two of Subchapter IV authorizes special allocations for the development or initiation of plans which would reduce the length of educational programs required for academic degrees or credentials in health professions and occupations. Given the current climate of uncertainty and controversy regarding this area, experimentation under part two has not occurred.

SUMMARY

The programs which have been conducted under P.L. 92-541, have been directly responsive to the legislative charge to establish, expand, and improve programs for the education of physicians and other professional and technical health manpower, and thereby contribute to the provision of "the best possible medical care for the Nation's veterans." The programs have been conducted in a variety of settings, disciplines, and circumstances, but the common theme is the strengthening of mutually-beneficial relationships between the VA's health care system and the educational institutions which produce the nation's health manpower.

VA medical centers have been involved in educational affiliations through these programs and have seen a number of benefits, including: an enhanced ability to recruit staff, additional continuing education offerings for VA personnel, expanded involvement as community resources, facilities improvements, and grant-supported physician and other health faculty based at VA medical centers. The ultimate outcome of these specific benefits is, of course, the improved quality, diversification, and pace of patient care.

In addition to being provided the financial resources for conducting the specific educational programs for which grants were made, the educational affiliates for their part have been able to take advantage of the unique clinical capacity of the VA and to draw upon the talents of diversified and highly qualified staff. Although it is difficult to derive tables and charts showing "before and after" data reflecting dramatic quantitative changes, the results can be measured, subjectively as well as objectively, in terms of increased academic and clinical faculty; the initiation of new programs and special emphases, or the improvement or expansion of existing educational offerings; the creation of a larger pool of qualified, competent, and employable health professionals; and the improvement of health manpower distribution and utilization.

SUBCHAPTER I STAFF VISITS

Date	Grantee	VA Facility
8/5-9/74	Wright State University, Dayton Ohio	Dayton
1/23-24/75	Wright State University, Dayton Ohio	Dayton
8/25/75	Wright State University, Dayton Ohio	Dayton
1/8/76	University of South Carolina, Columbia, South Carolina	Columbia, S.C.
1/14/76	University of South Carolina, Columbia, South Carolina	Columbia, S.C.
3/23/76	East Tennessee State University, Johnson City, Tennessee	Mountain Home
5/10/76	Texas A&M University, Temple, Texas	Temple
5/17/76	University of South Carolina, Columbia, South Carolina	Columbia, S.C.
10/5/76	University of South Carolina, Columbia, South Carolina	Columbia, S.C.
10/19/76	Wright State University, Dayton, Ohio	Dayton
11/3/76	Marshall University, Huntington, West Virginia	Huntington
1/4/77	Marshall University, Huntington, West Virginia	Huntington
1/11/77	Wright State University, Dayton, Ohio	Dayton
1/31-2/4/77	University of South Carolina, Columbia, South Carolina	Columbia, S.C.
4/25-28/77	University of South Carolina, Columbia, South Carolina	Columbia, S.C.

APPENDIX A

Date	Grantee	VA Facility
7/31-8/2/77	East Tennessee State University, Johnson City Tennessee	Mountain Home
9/15-16/77	Wright State University, Dayton, Ohio	Dayton
10/13/77	East Tennessee State University, Johnson City, Tennessee	Mountain Home
10/31-11/3/77	East Tennessee State University, Johnson City, Tennessee	Mountain Home
11/29/77	Marshall University, Huntington, West Virginia	Huntington
1/9/78	Marshall University, Huntington, West Virginia	Huntington
2/21/78	Texas A&M University, Temple, Texas	Temple
3/14/78	Marshall University, Huntington, West Virginia	Huntington
5/4/78	Marshall University, Huntington, West Virginia	Huntington
6/6-7/78	Wright State University, Dayton, Ohio	Dayton
6/12/78	East Tennessee State University, Johnson City, Tennessee	Mountain Home
7/6/78	Marshall University, Huntington, West Virginia	Huntington
9/13/78	Wright State University, Dayton, Ohio	Dayton

Date	Grantee	VA Facility
11/27-29/78	University of South Carolina, Columbia, SC	Columbia, SC
12/4-6/78	University of South Carolina, Columbia, SC	Columbia, SC
4/11-13/79	University of South Carolina, Columbia, SC	Columbia, SC
7/1-3/79	East Tennessee State University, Johnson City, TN	Mountain Home
9/6-7/79	Marshall University, Huntington, West Virginia	Huntington

SUBCHAPTERS II & III STAFF VISITS

Date		Grantee	VA Facility
8/29-30/74	III	Dutchess & Orange Community Colleges, Poughkeepsie, New York	Castle Point
9/15-17/72	II	University of Florida, Gainesville, Florida	Gainesville
10/9-10/74	II	University of South Dakota, Sioux Falls, South Dakota	Sioux Falls
1/27-29/75	II	Medical College of Pennsylvania, Philadelphia, Pennsylvania	Philadelphia
1/29/75	III	Pennsylvania College of Podiatric Medicine, Philadelphia, Pennsylvania	Philadelphia
7/15/75	II	Chicago Medical School, Chicago, Illinois	North Chicago
9/8/75	II	University of South Dakota, Sioux Falls, South Dakota	Sioux Falls
9/30/75	II	University of California, San Francisco, California	Fresno
10/5/75	II	University of California, San Francisco, California	Fresno
11/4/75	III	Rend Lake College, Marion, Illinois	Marion
12/2/75	II	University of South Dakota, Sioux Falls, South Dakota	Sioux Falls
1/14/76	II	University of North Dakota, Grand Forks, North Dakota	Fargo
2/7/76	II	Medical College of Pennsylvania, Philadelphia, Pennsylvania	Philadelphia
2/10/76	III	Bangor Community College, Augusta, Maine	Togus

APPENDIX B

Date		Grantee	VA Facility
2/10/76	III	University of Maine, Augusta, Maine	Togus
2/22/76	II	University of California, San Francisco, California	Fresno
2/22/76	II	University of North Dakota, Fargo, North Dakota	Fargo
6/22/76	II	Medical College of Pennsylvania, Philadelphia, Pennsylvania	Philadelphia
7/20-23/76	III	University of Mississippi Medical Center, Jackson, Mississippi (5 grants)	Jackson
7/26/76	II	University of California, San Francisco, California	Fresno
8/5/76	III	Dutchess & Orange Community Colleges, Poughkeepsie, New York	Castle Point
8/12/76	II	DHEW Regional Office regarding University of Health Sciences/Chicago Medical School, Chicago, Illinois	North Chicago
8/25/76	II	Medical College of Pennsylvania, Philadelphia, Pennsylvania	Philadelphia
9/8/76	III	El Paso Community College, El Paso, Texas	El Paso OPC
9/20/76	III	University of Wisconsin, Center for Health Sciences, Madison, Wisconsin	Madison
10/13/76	III	Edinboro State College, Erie, Pennsylvania	Erie
10/20/76	III	University of Kentucky, Lexington, Kentucky (3 grants)	Lexington
10/21-22/76	III	University of Tennessee, Memphis, Tennessee (2 grants)	Memphis

Date		Grantee	VA Facility
10/21-22/76	III	Memphis State College, Memphis, Tennessee	Memphis
10/21-22/76	III	Shelby State College, Memphis, Tennessee	Memphis
10/27/76	II	University of North Dakota, Grand Forks, North Dakota	Fargo
11/9/76	II	University of California, San Francisco San Diego, California	San Diego
11/10-11/76	II	University of Florida, Gainesville, Florida	Gainesville
11/10-11/76	III	University of Florida, Gainesville, Florida (4 grants)	Gainesville
11/16-17/76	III	Hampton Institute, Hampton, Virginia	Hampton
11/16-17/76	II	Eastern Virginia Medical School, Norfolk, Virginia	Hampton
11/15/76	III	University of California, Los Angeles, Medical Center, Los Angeles, California	Wadsworth
12/7/76	III	Otero Junior College, LaJunta, Colorado	Fort Lyon
12/8/76	II	University of Kansas Medical Center, Kansas City, Missouri	Kansas City, Wichita
12/16-17/76	III	University of Oklahoma, Oklahoma City, Oklahoma	Oklahoma City
1/11/77	III	Memphis State University, Memphis, Tennessee	Memphis
2/3/77	III	Georgia College, Milledgeville, Georgia	Dublin
3/7-12/77	III	Edinboro State College, Edinboro, Pennsylvania	Erie
3/28/77	II	University of Oklahoma, Tulsa, Oklahoma	Muskogee

Date		Grantee	VA Facility
3/10-4/1/77	III	Kearney State College, Kearney, Nebraska	Grand Island
5/24-25/77	II	Mount Sinai School of Medicine, New York, New York	Bronx
6/18-20/77	II	University of Puerto Rico, San Juan, Puerto Rico	San Juan
6/18-20/77	III	University of Puerto Rico, San Juan, Puerto Rico	San Juan
7/20-22/77	III	Yale University, New Haven, Connecticut	West Haven
7/20-22/77	III	Quinnipiac College, Hamden, Connecticut	West Haven
7/26-28/77	II	University of Texas, Dallas, Texas	Dallas
7/26-28/77	III	University of Texas, Dallas, Texas	Dallas
8/17/77	III	Elizabethtown College, Elizabethtown, Pennsylvania	Coatesville
9/21-22/77	II	University of North Dakota, Grand Forks, North Dakota	Fargo
9/26-28/77	II	University of Alabama School of Medicine Birmingham, University, Alabama	Birmingham, Tuscaloosa
9/26-28/77	III	University of Alabama in Birmingham, Alabama (5 grants)	Birmingham
9/26-28/77	III	University of Alabama, University, Alabama	Tuscaloosa
2/13/78	II	University of Puerto Rico, San Juan, Puerto Rico	San Juan
2/13/78	III	University of Puerto Rico, San Juan, Puerto Rico	San Juan
3/14/78	III	Towson State College, Towson, Maryland	Fort Howard
3/14/78	III	LaGuardia Community College, Brooklyn, New York	Brooklyn
3/20/78	II	Eastern Virginia Medical Authority, Norfolk, Virginia	Hampton

19

Date		Grantee	VA Facility
3/20/78	III	Hampton Institute, Norfolk, Virginia	Hampton
3/21/78	III	Penn Valley Community College, Kansas City, Missouri	Kansas City
4/12/78	III	Erie Community College, Buffalo, New York	Buffalo
6/4/-6/78	II	Southern Illinois University, Champagne, Illinois	Marion, IL
6/5-7/78	III	Wichita State University, Wichita, Kansas	Wichita
7/31/78	III	Erie Community College, Buffalo, New York	Buffalo
9/15-18/78	II	University of North Dakota, Grand Forks, North Dakota	Fargo
10/2-5/78	II	University of California, San Francisco, Fresno, California	Fresno
10/16-19/78	II	University of South Dakota, Sioux Falls, South Dakota	Sioux Falls
10/16-19/78	II	University of North Dakota, Grand Forks, North Dakota	Fargo
10/16-19/78	III	University of North Dakota, Grand Forks, North Dakota	Fargo
6/3-6/5/78	II	Loyola University, Stritch School of Medicine Chicago, IL	Hines
11/5-6/79	III	La Guardia Community College, N.Y.C.	Brooklyn

SUBCHAPTER II
GRANTS TO AFFILIATED MEDICAL SCHOOLS

INSTITUTION	AFFILIATED VAMC	PROGRAM PERIOD	DIRECT COST $
ALABAMA			
Univer. of Alabama, School of	Tuscaloosa	4/1/75-3/31/82	6,445,172
CALIFORNIA			
Univ. of California, Calif. College of Medicine, Irvine	Long Beach	7/1/74-6/30/81	6,615,116
Univ. of California, School of Medicine, San Diego	San Diego	7/1/74-6/30/81	3,524,725
Univ. of California, San Francisco Medical Ctr. (Fresno)	Fresno	7/1/75-6/30/82	8,005,000
FLORIDA			
Univ. of Florida, College of Medicine	Gainesville, and Jacksonville Outpatient Clinics	7/1/74-6/30/81	1,810,033
ILLINOIS			
Loyola Univ., Stritch School of Medicine	Hines	5/1/75-4/30/82	1,855,182
Southern Illinois Univ., School of Medicine	Marion, IL	4/1/75-3/31/82	1,075,728
The Chicago Medical School, Univ. of Health Sciences	North Chicago	7/1/75-6/30/82	9,159,267
KANSAS			
Univ. of Kansas Medical Center	Kansas City, Wichita	7/1/74-6/30/81	3,493,800

APPENDIX C

INSTITUTION	AFFILIATED VAMC	PROGRAM PERIOD	DIRECT COST $
LOUISIANA			
Louisiana State Univ. of Shreveport, School of Medicine	Shreveport	7/1/75-6/30/80	2,772,000
NEW YORK			
City Univ. of New York, Mt. Sinai School of Medicine	Bronx	7/1/74-6/30/81	2,885,150
NORTH DAKOTA			
Univ. of North Dakota School of Medicine	Fargo	7/1/75-6/30/82	12,340,000
OKLAHOMA			
Univ. of Oklahoma Health Scienc Center, College of Medicine (Tulsa)	Muskogee, Oklahoma City	7/1/74-6/30/81	1,458,810
PENNSYLVANIA			
Medical College of Pennsylvania	Philadelphia	5/1/75-4/30/82	4,017,781
PUERTO RICO			
Univ. of Puerto Rico, School of Medicine	San Juan	7/1/75-6/30/82	1,941,285
SOUTH DAKOTA			
Univ. of South Dakota, School of Medicine	Sioux Falls, Ft. Meade, Hot Springs	7/1/74-6/30/81	9,128,947
TEXAS			
Univ. of Texas, Southwestern Medical School at Dallas	Dallas	7/1/74-6/30/81	7,567,950
VIRGINIA			
Eastern Virginia Med. School	Hampton	1/1/75-12/31/81	5,206,673
Eastern Virginia Med. School	Hampton	7/1/71-12/31/81	637,925

SUBCHAPTER IV PROJECTS
ASSOCIATED WITH SUBCHAPTER II AND III GRANTS

VA Medical Center	Grantee	Discipline	Approx. Amount	Description of Project at VA
Alexandria, LA	Louisiana State Univ. & A&M College at Baton Rouge	Social Work	$ 10,300	Renovating space for social work office and educational work space.
Augusta, GA	Medical College of Georgia	Physical Therapy, Radiologic Technology, Respiratory Therapy	18,800	Expanding clinical facilities used in the education programs.
Bedford, MA	Boston University	Gerontology Nursing	1,700	Providing educational video equipment.
Boston, MA	Bunker Hill Community College	Radiologic Technology, Nuclear Medicine	7,500	Providing audio-visual and clinical teaching equipment.
Buffalo, NY	Erie Community College	Dental Lab. Technology	14,300	Providing dental laboratory educational equipment.
Castle Point, NY	Dutchess & Orange County Community Colleges	Dental Hygiene, Dental Lab. Technology, Dental Assisting	259,000	Establishing a dental laboratory - accessible to wheel-chair-bound students.
Coatesville, PA	Elizabethtown College	Occupational Therapy	10,800	Establishing an Activities of Daily Living Laboratory.
Dallas, TX	Univ. Texas, Southwestern Medical School	Medical Education	111,000	Renovating space for classrooms and conference rooms.
	Univ. Texas Health Sciences Center	Multiple Allied Health Disciplines	29,000	Renovating classroom space.
Decatur, GA	Emory University	Anesthesia & Intensive Respiratory Care	9,000	Providing educational laboratory equipment in basic physiology & monitoring instrumentation.

APPENDIX D

VA Medical Center	Grantee	Discipline	Approx. Amount	Description of Project at VA
Dublin, GA	Georgia College	Nursing	$ 4,000	Providing clinical and audio-visual educational equipment.
Durham, NC	Duke Univ. Medical Center	Audiology/Speech Pathology	5,400	Purchasing audiometer.
Erie, PA	Edinboro State College	Audiology/Speech Pathology	43,000	Renovating & equipping audiology clinic for student use.
Fargo, ND	Univ. N. Dakota, School of Medicine	Medical Education	332,000	Renovating educational space & providing TV production equipment.
	Univ. N. Dakota	Physical Therapy	23,600	Equipping physical therapy clinic & providing training equipment.
Fresno, CA	Univ. California, San Francisco Medical Center (Fresno)	Medical Education	2,436,000	Adding & equipping Medical Education Wing.
Jackson, MS	Univ. Mississippi	Respiratory Therapy	22,800	Providing respiratory therapy clinical training equipment.
Long Beach, CA	Univ. California, California College of Medicine	Medical Education	65,000	Renovating educational space.
Marion, IL	Southern Illinois Univ., School of Medicine	Medical Education	577,400	Adding & equipping Medical Education Addition.
Minneapolis, MN	916 Vo-Tech Institute	Orthotics/Prosthetics	16,800	Establishing an orthotics/prosthetics workshop (renovations & upgrading).
Muskogee, OK	Univ. Oklahoma, College of Medicine (Tulsa)	Medical Education	114,900	Renovating building for use as medical educational space.
	Univ. of Oklahoma	Occupational Therapy	12,000	Renovating occupational therapy laboratory space.

VA Medical Center	Grantee	Discipline	Approx. Amount	Description of Project at VA
North Chicago, IL	Univ. Health Sciences/ The Chicago Medical School	Medical Education	$ 668,000	Renovating & equipping medical & allied health education space.
Oklahoma City, OK	University of Oklahoma	Occupational Therapy	44,000	Renovating & equipping occupational therapy clinical space.
Philadelphia, PA	Medical College of Pennsylvania	Medical Education	527,600	Providing an education addition.
	Pennsylvania College of Podiatric Medicine	Podiatry	12,700	Providing podiatric educational equipment.
Providence, RI	Univ. Rhode Island	Nurse Practitioner	6,800	Providing audio-visual training and clinical equipment.
Richmond, VA	Medical College of Virginia	Physical Therapy, Occupational Therapy, Patient Counseling, Medical Technology, Nurse Anesthesia, Med. Records Administration	273,600	Renovating office, conference & other educational space and providing office and clinical equipment.
Salem, VA	Virginia Polytechnic Institute & State Univ.	Dietetics	10,800	Renovating space for use as classrooms, offices and study areas.
Salt Lake City, UT	Utah State University	Dietetics	7,700	Renovating classroom & office space.
	Univ. of Utah	Medical Technology	10,000	Expanding laboratory facilities for educational purposes (hematology).
San Juan, PR	Univ. of Puerto Rico, School of Medicine	Medical Education	17,700	Providing telecommunications equipment for educational uses.
Sioux Falls, SD	Univ. S. Dakota, School of Medicine	Medical Education	289,300	Renovating office, classroom conference, and laboratory space.
Wadsworth, CA	Los Angeles Valley College	Nursing	4,400	Remodeling classroom and office space.

VA Medical Center	Grantee	Discipline	Approx. Amount	Description of Project at VA
West Haven, CT	Quinnipiac College	Occupational Therapy, Physical Therapy	$ 138,400	Renovating and equipping educational space.
Wichita, KS	Wichita State Univ.	Medical Technology	100,000	Renovating and equipping a student teaching laboratory.

SUBCHAPTER III
GRANTS TO OTHER HEALTH MANPOWER TRAINING INSTITUTIONS

INSTITUTION	VA AFFILIATE	DISCIPLINE	PROGRAM PERIOD	DIRECT COST $
ALABAMA				
Tuskegee Area Health Education Center, Inc.	Tuskegee	Multi-Component (Coordination, Licensed Practical Nurse, Continuing Education, Health Education	9/1/74-8/31/81	1,378,287
Tuskegee Area Health Education Center, Inc.	Tuskegee	Supplement to Above	7/1/77-6/30/80	212,608
Univ. of Alabama, Birmingham	Birmingham	Hospital & Health Administration	7/1/75-6/30/82	134,779
Univ. of Alabama, Birmingham	Birmingham	Dietetics: Intern, Technician	7/1/77-6/30/81	103,210
Univ. of Alabama, Birmingham	Birmingham	Nuclear Med. Tech.	7/1/77-6/30/80	103,217
Univ. of Alabama, University	Tuscaloosa	Coordinated Undergraduate Dietetics Program	7/1/75-6/30/82	234,134
ARIZONA				
Univ. of Arizona	Tucson	Nursing, Baccalaureate	1/1/75-12/31/79	332,409
Univ. of Arizona	Tucson, Phoenix Prescott	Medical Technology	10/1/77-9/30/80	155,480
ARKANSAS				
Univ. of Arkansas	Little Rock	Communication Disorders	7/1/74-6/30/81	451,651
Univ. of Arkansas	Little Rock	Supplement to Above	7/1/77-6/30/81	119,444

APPENDIX B

INSTITUTION	VA AFFILIATE	DISCIPLINE	PROGRAM PERIOD	DIRECT COST $
CALIFORNIA				
California State Univ. Long Beach	Long Beach	Nurse Practitioner, Spinal Cord Injury	10/1/77-8/31/80	36,073
California State Univ. Los Angeles	Long Beach	Coordinated Undergraduate Dietetics Program	1/1/75-12/31/81	119,132
Los Angeles Valley College	Wadsworth, Brentwood, Sepulveda	Nursing, Associate Degree	7/1/74-6/30/81	342,570
Southern Calif. College of Optometry	Los Angeles Outpatient Clinic	Optometry, Students and Technicians	7/1/77-6/30/84	808,339
COLORADO				
Otero Junior College	Fort Lyon	Nursing, Associate Degree	7/1/77-6/30/84	557,303
CONNECTICUT				
Univ. of Connecticut	Newington	Clinical Dietetics	7/1/75-6/30/80	157,711
DIST. OF COLUMBIA				
Georgetown Univ.	Wash. DC	Ophthalmic Technician	7/1/74-6/30/81	103,000
FLORIDA				
Univ. of Florida	Gainesville	Clinical & Community Dietetics	7/1/74-6/30/81	427,459
Univ. of Florida	Gainesville	Bachelor of Health Science	7/1/75-6/30/82	585,527

INSTITUTION	VA AFFILIATE	DISCIPLINE	PROGRAM PERIOD	DIRECT COST $
GEORGIA				
Emory Univ.	Decatur	Intensive Resp. Care Anes. & Life Support Systems	1/1/75-12/31/81	313,915
Emory Univ.	Decatur	Physical Therapy Dietetic Intern	7/1/74-6/30/81	1,190,000
Medical College of Georgia	Augusta	Multi-Component (Occuptional Therapy, Physical Therapy, Medical Records Adminis., Dental Hygiene, Nuclear Medicine Technology)	7/1/74-6/30/81	1,671,586
Medical College of Georgia	Augusta	Respiratory Therapy	7/1/77-6/30/84	330,610
Georgia College	Dublin	Associate Degree Nursing	7/1/75-6/30/82	464,973
ILLINOIS				
Rend Lake College	Marion (IL)	Associate Degree Nursing	7/1/74-6/30/81	854,000
KANSAS				
Wichita State Univ.	Wichita	Multi-Component (Learning Resources, Medical Technology, Respiratory Therapy)	1/1/75-12/31/81	1,593,613
LOUISIANA				
Louisiana State Univ. & A&M Coll.	Alexandria	Social Work	7/1/74-6/30/81	261,440
MAINE				
Bangor Community Coll., Univ. of Maine	Togus	Dental Hygiene, Dental Assisting	7/1/75-6/30/80	218,291

INSTITUTION	VA AFFILIATE	DISCIPLINE	PROGRAM PERIOD	DIRECT COST $
MASSACHUSETTS				
Boston Univ. with Laboure' Jr. Coll.	Boston	Electrophysiological Technology	7/1/77-6/30/80	156,260
Bunker Hill Comm. Coll.	Boston	Radiology Technician	7/1/75-6/30/82	572,232
Laboure' Jr. Coll.	Boston, Brockton	Dietetic Technician	7/1/77-6/30/82	217,491
Middlesex Community College	Bedford	Dental Hygiene	7/1/77-6/30/84	277,084
MINNESOTA				
Univ. of Minnesota	Minneapolis	Pharmacy	10/1/77-9/30/82	200,133
MISSISSIPPI				
Univ. of Mississippi	Jackson	Respiratory Therapy	7/1/75-6/30/82	749,477
Univ. of Mississippi	Jackson	Medical Records Administration	7/1/74-6/30/81	155,681
Univ. of Mississippi	Jackson	State Network of Allied Health Progs.	7/1/74-6/30/81	1,133,179
MISSIOURI				
Junior College District of Metropolitan Kansas City	Kansas City	Medical Laboratory Technician	7/1/77-6/30/84	255,994
St. Louis Univ.	St. Louis	Nursing, Baccalaureate	1/1/75-12/31/79	155,747
MONTANA				
Carroll College	Ft. Harrison	Dental Hygiene	7/1/74-6/30/81	575,562

INSTITUTION	VA AFFILIATE	DISCIPLINE	PROGRAM PERIOD	DIRECT COST $
NEBRASKA				
Area Health Education Consortium for Southeast Nebraska	Lincoln	Continuing Education	7/1/75-6/30/82	206,050
Kearney State College	Grand Island	Coordinated Undergraduate Dietetics Program, Audiology & Speech Pathology	7/1/74-6/30/81	495,528
St. Francis Hospital, School of Nursing	Grand Island	Nursing, Diploma	1/1/75-12/31/81	236,940
Univ. of Nebraska Medical Center	Lincoln	Nursing, Baccalaureate	7/1/77-6/30/80	51,409
NEVADA				
Univ. of Nevada	Reno	Medical Technology	7/1/75-6/30/80	357,927
NEW YORK				
Adelphi Univ.	Northport	Gerontologic Nursing	7/1/75-6/30/80	304,852
Dutchess Community College with Orange County Community College	Castle Point	Dental Hygiene, Dental Assistant, Dental Laboratory Technician	7/1/74-6/30/81	580,175
Erie Community College	Buffalo	Dental Laboratory Technician	7/1/77-6/30/84	670,699
La Guardia Community College	Brooklyn	Dietetic Technician	10/1/77-9/30/82	361,202
State Univ. of New York Upstate Medical Center	Syracuse	Respiratory Therapy	1/1/75-12/31/79	197,640
Syracuse Univ.	Syracuse	Coodinated Ungergraduate Dietetics Program	7/1/74-6/30/81	197,190

INSTITUTION	VA AFFILIATE	DISCIPLINE	PROGRAM PERIOD	DIRECT COST $
NORTH CAROLINA				
Duke Univ.	Durham Asheville	Gerontologic Nursing	1/1/75-12/31/79	267,376
Duke Univ. Medical Center	Durham	Speech Pathology & Audiology	7/1/77-6/30/84	383,959
NORTH DAKOTA				
Univ. of North Dakota	Fargo	Physical Therapy	7/1/77-6/30/84	271,730
OHIO				
Ohio Univ. Chillicothe	Chillicothe	Human Services Technician	7/1/74-6/30/81	373,161
OKLAHOMA				
Univ. of Oklahoma Health	Oklahoma City, Muskogee	Multi-Component(Occupational Therapy Physical Therapy, Radiologic Technology, Dietetics, Communication Disorders)	9/1/74-12/31/81	1,008,501
PENNSYLVANIA				
Community College of Beaver County	Butler	Medical Laboratory Technician	7/1/74-6/30/81	280,000
Elizabethtown College	Coatesville, Lebanon	Occupational Therapy	7/1/74-6/30/81	563,609
Hahnemann Medical College & Hospital of Philadelphia	Philadelphia	Audiology & Speech Pathology	7/1/77-6/30/84	368,400
Pennsylvania College of Podiatric Medicine	Philadelphia	Podiatric Medicine	7/1/75-6/30/82	679,225

INSTITUTION	VA AFFILIATE	DISCIPLINE	PROGRAM PERIOD	DIRECT COST $
PUERTO RICO				
Univ. of Puerto Rico Medical Sciences Campus	San Juan	Nuclear Medicine Technology	7/1/77-6/30/82	200,942
SOUTH CAROLINA				
Univ. of South Carolina	Columbia	Pharmacy	7/1/77-6/30/81	244,680
TENNESSEE				
Memphis State Univ.	Memphis	Audiology & Speech Pathology	7/1/75-6/30/82	439,333
Shelby State Community Coll.	Memphis	Orthotics-Prosthetics Technician	7/1/75-6/30/82	227,600
Univ. of Tennessee	Memphis	Multi-Component(Physical Therapy, Radiologic Technology, Dental Hygiene, Medical Records Admin. Human Values and Ethics)	7/1/74-6/30/81	733,250
TEXAS				
Texas Woman's Univ.	Houston	Nursing Continuing Education	7/1/77-6/30/82	314,991
Texas Woman's Univ.	Houston	Dietetics, Graduate	7/1/77-6/30/80	116,882
Univ. of Houston	Houston	Clinical Pharmacy	7/1/77-6/30/82	221,776
Univ. of Texas Health Sciences Center, Dallas	Dallas	Multi-Component(Physical Therapy, Nutrition, Physician's Assistant, Allied Health Education)	7/1/74-6/30/81	979,729
UTAH				
Weber State College	Salt Lake City	Social Work	7/1/77-6/30/84	203,636

INSTITUTION	VA AFFILIATE	DISCIPLINE	PROGRAM PERIOD	DIRECT COST $
VIRGINIA				
Hampton Institute	Hampton	Nursing, Communication Disorders	7/1/74-6/30/81	1,612,568
Medical College of Virginia Virginia Commonwealth Univ.	Richmond	Medical Records Admin.	7/1/77-6/30/84	348,818
Virginia Polytechnic Inst. and State Univ.	Salem	Coordinated Undergraduate Dietetics Program	7/1/77-6/30/84	123,692
WASHINGTON				
Bellevue Community Coll.	Seattle	Biomedical Photography	7/1/74-6/30/81	140,000
Univ. of Washington	Seattle	Coordinated Undergraduate Dietetics Program	7/1/74-6/30/81	181,250
Univ. of Washington	Seattle	Occupational Therapy	1/1/75-12/31/81	165,946
WEST VIRGINIA				
West Virginia University	Clarksburg	Social Work	7/1/74-6/30/81	333,316
WISCONSIN				
Univ. of Wisconsin, Madison	Madison	Multi-disciplinary Gerontology	7/1/75-6/30/82	1,133,733
Univ. of Wisconsin, Milwaukee	Wood	Occupational Therapy	10/1/77-9/30/82	125,000

COMPLETED SUBCHAPTER III GRANTS
(in order of completion)

SCHOOL/INSTITUTION	DISCIPLINE	NAME, STATE	REMARKS
	CLOSURE: June 30, 1975		
Center for Training in Community Psychiatry, Southern California	Continuing Education in Mental Health	Brentwood (LA), CA	
Health Services Education Council	Nursing-Clinical Placement	Palo Alto, CA	
Southern California Consortium in Continuing Education & Mental Health	Mental Health Counseling	Brentwood (LA), CA	
Area Health Education Consortium of Treasure Valley, Inc.	Health Education	Boise, ID	
	CLOSURE: June 30, 1976		
Area Health Education Consortium of Treasure Valley, Inc.	Biomedical Communication	Boise, ID	
AHEC of Treasure Valley	Health Information Retrieval	Boise, ID	
College of St. Benedict, Center for Continuing Education	Mental Health Associate	St. Cloud, MN	
Kearney State College, School of Natural & Social Sciences	Dietetics (Audiology Program Continues)	Grand Island, NE	Funds for Dietetics Program withdrawn by HCS on 6/30/76
Bronx Health Manpower Consortium	Coordination, Nursing, Physician Assistant	Bronx, NY	Funds for P.A. Program withdrawn by HCS on 11/19/74

APPENDIX F

SCHOOL/INSTITUTION	DISCIPLINE	NAME, STATE	REMARKS
	CLOSURE: December 31, 1976		
Seattle University, School of Science & Engineering	Administrative Training	Seattle, WA	
	CLOSURE: June 30, 1977		
University of Alabama, School of Dentistry	Dental Assistant	Birmingham, AL	
Area Health Education Consortium of Treasure Valley, Inc.	Nursing	Boise, ID	
College of St. Francis	Rehabilitation (Recreational Therapy)	Hines, IL	
University of Kentucky, College of Allied Health Professions	Dietetics	Lexington, KY	
University of Kentucky, College of Allied Health Professions	Physical Therapy	Lexington, KY	
916 Vocational-Technical Institute	Prosthetics-Orthotics	Minneapolis, MN	
University of Rhode Island, College of Nursing	Nurse Practitioner	Providence, RI	
Vanderbilt University, School of Medicine	Respiratory Therapy	Nashville, TN	
Vanderbilt University, School of Medicine	Medical Technologist	Nashville, TN	
Vanderbilt University, School of Medicine	Dietetics	Nashville, TN	
Vanderbilt University, School of Medicine	Clinical Laboratory (Cytotechnology)	Nashville, TN	

SCHOOL/INSTITUTION	DISCIPLINE	VAMC, STATE	REMARKS
El Paso Community College	Multi-Discipline	El Paso OPC, TX	Terminated by MCS
University of Utah, Rocky Mountain Gerontology Center	Gerontology	Salt Lake City, UT	
University of Utah, Graduate School of Social Work	Social Work	Salt Lake City, UT	Also, Denver, Grand Junction, Sheridan, Fort Harrison, Fort Lyon, Miles City, & Cheyenne VAMCs
	CLOSURE: September 30, 1977		
Marcy College of Detroit	Dietetics	Allen Park, MI	
Genesee Community College	Continuing Education	Batavia, NY	
	CLOSURE: December 31, 1977		
University of Alabama, School of Public & Allied Health	Medical Technologist	Birmingham, AL	
Middlesex Community College	Dental Auxiliaries	Bedford, MA	
Marcy College of Detroit, Center for Allied Health Education	Physician Assistant	Ann Arbor, MI	

SCHOOL/INSTITUTION	DISCIPLINE	VAMC, STATE	REMARKS
	CLOSURE: June 30, 1978		
University of California, San Francisco, School of Nursing	Nursing	San Francisco, CA	
University of California, Los Angeles, School of Medicine	Multi-Discipline	Wadsworth (LA), CA	Also, Brentwood & Sepulveda VAMCs; CA
Area Health Education Consortium of Treasure Valley, Inc.	Nursing	Boise, ID	
Louisiana State University, Medical Center	Clinical Chemistry	New Orleans, LA	
Bangor Community College, University of Maine	Supplement to Dental Hygiene & Dental Assistant Program	Togus, ME	
New England Hospital and Health Foundation	Coordination Continuing Education	Manchester, NH	
University of Utah	Medical Technologist	Salt Lake City, UT	
Utah State University	Social Work	Salt Lake City, UT	
	CLOSURE: August 15, 1978		
University of Iowa, College of Pharmacy	Pharmacy	Iowa City, IA	
	CLOSURE: December 31, 1978		
University of Florida	Medical Technology	Gainesville, FL	
University of Maine, Augusta	Associate Degree Nursing, Medical Lab Technician	Togus, ME	
Boston University	Continuing Education for Nurse Practitioners	Bedford, MA	

SCHOOL/INSTITUTION	DISCIPLINE	NAME, STATE	REMARKS
University of Tennessee	Pharmacy	Memphis, TN	
	CLOSURE: June 30, 1979		
Yale University	Physician's Associate	West Haven, CT	
Quinnipiac College	Occupational & Physical Therapy	West Haven, CT	
University of Florida	Nurse Practitioner	Gainesville, FL	
University of Kentucky	Pharmaceutical Technology	Lexington, KY	
Towson State University	Occupational Therapy	Fort Howard, MD	
College of St. Benedict	Mental Health Associate	St. Cloud, MN	
University of Mississippi	Physical Therapy	Jackson, MS	
University of Mississippi	Medical Records Transcription	Jackson, MS	
Bronx Community College	Nursing, Medical Laboratory Technician	Bronx, NY	
Westchester Community College	Dietatic Technician	Montrose, NY	
Edinboro State College	Audiology & Speech Pathology	Erie, PA	
Southwest Texas State University	Multiple Allied Health Programs	Temple, Waco, Marlin, TX	
Texas Woman's University	Occupational Therapy	Dallas, TX	
Utah State University	Coordinated Undergraduate Dietatics Program	Salt Lake City, UT	
Weber State College	Dental Hygiene	Salt Lake City, UT	

SCHOOL/INSTITUTION	DISCIPLINE	TOWN, STATE	REMARKS
Medical College of Virginia Virginia Commonwealth University	Multi-Component (Physical Therapy, Occupational Therapy, Patient Counseling, Medical Technology, Nurse Anesthetist)	Richmond	
	CLOSURE: September 30, 1979		
Medical Care Devel., Inc.	Family Practice Residence	Togus, ME	
AHEC for Southeast Nebraska	Supplement to Original Grant Continuing Education	Lincoln, NE	

APPENDIX C

DESCRIPTIONS OF COMPLETED GRANT PROGRAMS

University of Florida, in affiliation with the Gainesville VA Medical Center, January 1975 - December 1978. The University's College of Health Related Professions has used this grant support to strengthen the faculty, revise and improve the curricula, enlarge the class size and increase the student clinical exposure for the medical laboratory technologist program. In addition the school has also provided increased support during the grant period, including additional space, more staff and faculty. Student enrollment has increased from 49 to 85. The program staff has now produced more than 280 instructional units for teaching, including 34,000 slides, in the competency-based instructional program. The school has provided a medical technology audiovisual learning laboratory in which the instructional units are available. The school is now supporting the program at its current enrollment level and is pleased with the quality of teaching, because in every year since 1976 the students have done better than the national average in the national tests.

University of Maine, Augusta, in affiliation with VA Medical Center, Togus January 1975 - December 1978. The University has supported two activities with this grant award. First, the Associate Degree Nursing (ADN) program enrollment expanded from 119 to 168, and it now has two extension sites- one at the Mid-Coast Penobscot Bay region and one in Presque Isle. The Togus VA Medical Center provides clinical experience for the program as do several other hospitals in each of the three regions. Professional (NLN) accreditation has been accorded the program. Graduates are successful in the State Board exams at 83-91% pass rate, and VA Medical Center Togus has hired some graduates. The school is continuing the program at its present level, but is uncertain about continuation at the Presque Isle site specifically.

The second program is the Associate Degree in Medical Laboratory Sciences which was started as a result of grant support. Enrollment is now at 26 and 3 classes of 8 students each have been graduated. Employment data are not available.

Boston University, in affiliation with Bedford VA Medical Center, July 1975- December 1978. The University's School of Nursing has been able with this grant support to design and implement a gerontological nurse practitioner 3 year program with a sound clinical and didactic base and a continuous evaluation mechanism. The clinical experience at the VA Medical Center includes almost 1000 hours per student class per semester in each of two units- the Nursing Home Care Unit and the Ambulatory Care Unit. In the grant period 81 NP's were accepted and 76 completed the program. Of the 76 graduates, 15 are employed in VA Medical Centers. Rather than taking over the program as originally designed, the school has converted the program to a formal Master's degree program in Gerontological Nursing and this is now a part of the school's regular curricula, supported by State funding. Enrollment level information is not available for the continuation of the program.

University of Tennessee, in affiliation with VAMC Memphis, July 1974 - December 1978. This College of Pharmacy program was developed to provide a contemporary, advanced teaching model in 5 VA pharmacy facilities (Memphis, Murfreesboro, Nashville, Mountain Home and OPC Chattanooga). The models were used for all BS and Pharm.D. students of the College of Pharmacy, as well as for continuing education. Total student enrollment, including residents/interns, has grown from 53 to 93. Final reporting is not yet complete.

Area Health Education Consortium of Treasure Valley, in affiliation with the Boise VAMC, November 1974 - June 1975. The AHEC of Treasure Valley, in cooperation with the Health Occupations Training Program of the Boise Independant School District, renovated a former Boise VA building, deeded to the District, for use as a community health education center. The facility is directly accessible to the VAMC, and the available classroom space is expected to result in increased student involvement in the hospital as well as VA staff involvement as resource speakers to students, consumers, and community health workers.

Health Services Education Council of San Jose, in affiliation with the Palo Alto VAMC, July 1974 - June 1975. This project was designed to coordinate and streamline placement of nursing students in the San Jose area for the clinical phases of their training. At the time, there were 17 nursing education programs and 22 providers of clinical experiences. A committee was established (including a VA representative); a placement guide was prepared and distributed; and procedures, formats and scheduling deadlines were established.

Center for Training in Community Psychiatry, in affiliation with the Brentwood VAMC, July 1974 - June 1975. This grant originally was for a three-year period to partially support the work of the Southern California Consortium for Continuing Education (in which the education staff of the Brentwood VAMC participated) in developing, implementing, directing, and coordinating continuing education for mental health professionals. Consortium members were to provide remaining operational funding. At the end of the first year no staff had been hired and the support of consortium members had evaporated. The grant was terminated by the Manpower Grants Service effective June 30, 1975.

Area Health Education Consortium of Treasure Valley, in affiliation with the Boise VAMC, July 1974 - June 1976. This grant was directed toward the establishment of a biomedical communications center in Boise. The center is the resource/relay station in a network linking cooperating hospitals and academic and public libraries in Idaho to the regional health sciences library at the University of Washington and to the National Library of Medicine in Maryland. The center serves as a primary library to health practitioners and students in rural areas and as a secondary resource to persons who have access to hospital or academic libraries. The State Board of Education secured legislative funding for the center's continuation when grant funds ceased. Continuation of these health information retrieval services is especially significant for the Boise VAMC since it has the only medical teaching service in the State.

College of St. Benedict, in affiliation with St. Cloud VAMC, July 1974 - June 1976. A mental health associate program was designed to offer additional training to nursing assistants and other health employees to

qualify them for mental health associate positions in VA hospitals and other community mental health agencies. The VAMC served as a training site for practicum rotations and VA personnel provided lectures for didactic coursework. Twenty-four Associate of Arts degrees were awarded during the first two years of grant support and ten graduates were subsequently employed by the St. Cloud VAMC. On July 1, 1977, the College of St. Benedict received a two year award to provide interim support as the program moves toward College assumption of all costs.

The Bronx Health Manpower Consortium, Inc., in affiliation with the Bronx VAMC, July 1974 - June 1976. This grant provided support for a consortium whose major objective was to promote continuing collaboration between the health services facilities and the educational and training institutions in the Bronx. The consortium was originated in 1973 with funds from the Regional Medical Program. The consortium staff provided many coordinating and information services, including the initiation of a health careers counseling service and a job bank. It also supplied a nurse educator to the College of Mount Saint Vincent to develop a baccalaureate nursing program. The approved program originally had planned the development of a physicians assistant curriculum at Fordham University. However, it was decided locally to postpone this activity, and funds for that portion of the program were withdrawn. The consortium dissolved because of lack of funding after the period of grant support.

Kearney State College, in affiliation with the Grand Island VAMC, July 1974 - June 1976. The development of a coordinated undergraduate dietetics program was one component of a grant which originally was for a seven-year program period. However, this new program was twice denied accreditation by the American Dietetics Association, and VA grant funds were withdrawn. The second program component in audiology and speech pathology is proceeding satisfactorily and grant support has continued.

Seattle University, in affiliation with the Seattle VAMC, July 1974 - December 1976. A pilot program was designed to redirect the health information services curriculum to include use of the computer in processing health information. Five services in the Seattle VAMC provided clinical experiences for trainees: Pharmacy, Clinical Laboratory, Radiology, Medical Records, and Renal Dialysis. The program was evaluated and has been incorporated into the ongoing activities of the University. Further developmental work is planned to improve the computer application practicum experience.

University of Utah and the University of Denver, in affiliation with the Salt Lake City and Denver VAMC's, July 1974 - June 1977. The objective of this grant was to establish, develop, and maintain social work training programs within the rural non-teaching VA medical centers in the Rocky Mountain area (Fort Harrison, Miles City, Grand Junction, Fort Lyon, Sheridan, and Cheyenne). In the three-year period, 28 students were placed,

four of whom were veterans. Of the 18 students who completed the program in its first two years, ten are working in health care settings and five are employed by VA medical centers. The program has continued on a regular budget after termination of grant support.

University of Alabama, in affiliation with the Birmingham VAMC, July 1974 - June 1977. A new, one-year course to train dental assistants was implemented with the Birmingham VAMC providing the site for clinical experiences. This new curriculum includes the eight extended functions which are permitted under current Alabama legislation. Student interest in the program was considerable, and enrollment exceeded original projections by 25 percent. Forty-five graduates are employed in Alabama. When the grant was completed, the University School of Dentistry continued the program.

University of Kentucky, in affiliation with the Lexington VAMC, July 1974 - June 1977. The grant was designed to expand and enrich the dietetics program and to provide nutrition classes for medical students and continuing education courses for Kentucky dietitians. Enrollment in the dietetics program was significantly increased and the quality of the program improved, primarily through the expansion and diversification of clinical experiences and the development of a self-instructional teaching materials. All program graduates passed the certification examination; three are employed at the Lexington VAMC. The University is continuing the program.

University of Kentucky, in affiliation with the Lexington VAMC, July 1974 - June 1977. The objective of this physical therapy project was to expand the program through the provision of additional clinical experiences for students. A grant-supported clinical coordinator was employed to supervise the expansion activities. Class size increased by 75 percent and more than 100 students received clinical exposure at the Lexington VAMC. After completion of the grant period, the clinical coordinator's position was retained and is being funded by the State.

El Paso Community College, in affiliation with the El Paso VA Outpatient Clinic, July 1974 - June 1977. El Paso Community College originally was approved for seven-year support of a number of allied health programs until June 1981. Based on the grantee's inability to effect an active training affiliation with the VA Outpatient Clinic, this grant was terminated on June 30, 1977. At first, the development of an affiliation with the VAOPC was delayed due to the construction of the VAOPC itself. As time passed and the facility neared completion, it became apparent that El Paso Community College was interested primarily in inpatient training activities and was not pursuing its plans to use the VAOPC as a training site. After considerable correspondence and a consultative staff visit, it was determined that an effective affiliation was not likely to result, and Manpower Grants Service terminated the grant.

Area Health Education Consortium of Treasure Valley, in affiliation with the Boise VAMC, July 1974 - June 1977. This grant supplemented local funding of a series of six-week courses to train nurses for expanded roles

in intensive and coronary care. The program was a cooperative effort of area hospitals, and the Boise VAMC provided office space and services. The educational program will continue under the auspices of Boise State University. The original sponsoring hospitals are sustaining the program financially and will provide supervised clinical training. During the grant period, five nurses from the Boise VAMC were trained in the program and enrollment more than tripled.

College of St. Francis, in affiliation with the Hines VAMC, July 1974 - June 1977. A recreational therapy program was broadened from five academic and two practicum courses to eight academic, two practicum, and twelve supportive courses in the disciplines of psychology, sociology, art, music, athletics, and communications; and the clinical program was expanded to the Hines VAMC. Enrollment has been quadrupled and, since the grant termination, two part-time instructors have been employed by the College.

Vanderbilt University, in affiliation with the Nashville VAMC, July 1974 - June 1977. This grant to enhance the two-year associate degree program in respiratory therapy provided for curriculum development and improvement as well as an increased number of trained respiratory therapists. The Nashville VAMC provided clinical exposure for students. Many graduates are staying in Tennessee and have been employed as supervisors and department heads in the area. The program has continued after grant support.

Vanderbilt University, in affiliation with the Nashville VAMC, July 1974 - June 1977. The objectives of this medical technology program were to strengthen the curriculum of the five institutions in the Nashville area which prepare medical technology personnel by consolidating training efforts and eliminating duplication of offerings, and to broaden the curriculum. The curriculum has been strengthened through the establishment of a cooperative lecture program which involves the five local institutions, and the clinical activities are being integrated at the undergraduate level. Offerings have been expanded to include elective laboratory courses. The program is continuing at the level made possible by grant support.

Vanderbilt University, in affiliation with the Nashville VAMC, July 1974 - June 1977. The grant provided resources for the strengthening of a year-long dietetic internship, the enrichment of the 12-week rotation at the Nashville VAMC, and the initiation of a new affiliation with the Murfreesboro VAMC. All graduates during the grant period passed the American Dietetics Association qualifying examination and all are employed as dietetians -- seven at the Nashville VAMC. On completion of the grant, the internship continued and the educational coordinators who had received grant funding were appointed to equivalent positions in the VA.

Vanderbilt University, in affiliation with the Nashville VAMC, July 1974 - June 1977. The resources of a cytotechnology educational program were expanded to provide improvements in teaching methods, lectures, and

laboratory work. Student rotations occurred at the Nashville VAMC. All graduates during the period of grant support passed the national certification examinations. The program has been plagued with student recruitment problems and faculty losses. When the grant closed, the program was without a teaching technologist and without students. The grantee spoke to attempts to revive the program.

916 Vocational Technical Institute, in affiliation with the Minneapolis VAMC, July 1975 - June 1977. The objectives of this orthotics/prosthetics technician training program were to develop an individualized learning format which would be transportable/replicable in other educational facilities and to integrate it into the VA system for the education of orthotics/prosthetics technicians. During the two-year life of the grant, 193 students were enrolled (at least 12 veterans), and 37 of the students received clinical training at the Minneapolis VAMC. Also, the Memphis, Dallas, and San Francisco VAMC's participated in the final testing and validation of the learning instrument. The format is being used in numerous VAMC's and the program has excited international as well as national attention.

Rocky Mountain Gerontology Center (University of Utah), in affiliation with the Salt Lake City, VAMC, July 1975 - June 1977. The Rocky Mountain Gerontology Center (RMGC) is a consortium of five area institutions of higher education, and through the grant-supported program a mechanism was developed by which the faculty of the RMGC and the staff of the Salt Lake City VAMC could share their expertise in providing interdisciplinary education in gerontology. The ultimate objective was to increase the number of health professionals with gerontology experience in a variety of disciplines. The numerous activities which were undertaken have provided both the RMGC and the VAMC a clearer picture of training needs in gerontology, and the VAMC will continue to be used for clinical placements.

University of Rhode Island, in affiliation with the Providence VAMC, July 1975 - June 1977. The University of Rhode Island College of Nursing, the Providence VAMC, and the Rhode Island Hospital of Providence collaborated in the establishment of an adult medical nurse practitioner program. The program's purpose was to provide Rhode Island and the surrounding area adult medical nurse practitioners and nursing faculty knowledgeable in primary care settings. Two graduates are working at the Providence VAMC and one elsewhere in the VA system. The University is now providing full support for the program.

SHARECO - Genesee Community College, in affiliation with the Batavia VAMC, July 1974 - September 1977. The project was to further develop a health training consortium in Western New York. Major activities included developing a consolidated inventory of educational resources, conducting continuing education courses (1500 registrants in three years), and providing

consultant support for members. The Batavia VAMC is an active consortium member and shares in program development and administration. Following grant termination, functions of SHARECO have been distributed among the various administrative elements of Genesee Community College, and SHARECO activities have continued.

Mercy College of Detroit, in affiliation with the Allen Park VAMC, July 1974 - September 1977. The grant's objective was to provide dietetic internships at the Allen Park VAMC for three years until a new coordinated undergraduate dietetics program in Detroit started producing graduates. Each of the students who completed this post-baccalaureate, one-year program, received 30 hours of graduate credit and each is now a Registered Dietitian -- four are employed at the Allen Park VAMC. After completion of the grant, the Allen Park VAMC assumed sponsorship of the program.

Middlesex Community College, in affiliation with the Bedford VAMC, January 1975 - December 1977. This grant permitted the implementation of an associate degree dental laboratory technician program, the first in the New England area. Students in this new program received clinical experiences at private dental laboratories and at the Bedford VAMC. Fifteen students are admitted yearly, and the program has been incorporated into the ongoing College curriculum.

Mercy College of Detroit, in affiliation with the Ann Arbor VAMC, January 1975 - December 1977. The grant was to provide funds for the expansion, coordination and supervision of new clinical rotations for the training of assistants to the primary care physician. During the course of the grant, a full-time clinical coordinator was employed to monitor, teach, and supervise students at the VAMC. In addition, other selected rotations for training were developed. The College has continued the VA program relationship following grant termination.

University of Alabama, in affiliation with the Birmingham VAMC, January 1975 - December 1977. This grant permitted the operational development of a simulated laboratory to supplement the hospital-based clinical experiences of medical technology students. By using the simulated laboratory for routine instruction, the students were able to concentrate on more sophisticated procedures and actual laboratory tests during their clinical rotations at the Birmingham VAMC. The simulated lab also will be used for training and evaluating clinical laboratory support personnel. Although the program originally had planned to use this mock setting for retraining inactive laboratory personnel, there has been no demand for this service. The simulated laboratory will continue as an integral part of the medical technology curriculum.

Louisiana State University Medical Center, in affiliation with the New Orleans VAMC, July 1974 - June 1978. Masters' degree and Ph.D. curricula in clinical chemistry were improved and enrollment more than doubled during the period of grant support. The graduate training programs are

designed to enable graduates to function as supervisors or directors of clinical chemistry laboratories. Practicum experiences were provided at the New Orleans VAMC. The cooperation between LSU and the VAMC will continue and perhaps expand into other clinical laboratory areas.

Utah State University, in affiliation with the Salt Lake City VAMC, July 1974 - June 1978. A Social Work Counseling and Information Center was utilized to provide training opportunities for social work students to assist in the provision of services to veterans and their families in outlying rural areas. The Information Center is closely related to the VAMC Social Work Service staff which provides supervision for the student counselors. The program has been well utilized by veterans in the Utah, Idaho, and Wyoming areas. Conclusive information regarding future continuation plans is not yet available, but many functions of the program already have been absorbed by the University.

University of Utah, in affiliation with the Salt Lake City VAMC, July 1974 - June 1978. The program was designed to improve and modify a laboratory science program to provide medical technology students earlier exposure to actual laboratory experiences. Major portions of clinical experiences are provided at the Salt Lake City VAMC. This program has been fully implemented, enrollment has doubled, and four VA laboratory employees have entered the program. A final report on the future of the program has not yet been received; however, the University has included funds in its budget for continued operation of the expanded program, subject to acceptance at the State level.

University of California at Los Angeles, in affiliation with the Wadsworth, Brentwood, and Sepulveda VAMCs, July 1974 - June 1978. A number of programs were enhanced through cooperative efforts and sharing of resources between the University and the affiliated VAMC's. Medical technology, radiologic technology, and coordinated undergraduate dietetics programs were strengthened; students in all three programs experienced a 100 percent success rate in certification exams. An Allied Health Coordinating Office was established and developed a set of self-instructional learning courses for entry-level health workers. These were field tested with the cooperation of the VA, and have been well received. All portions of the program are continuing except the dietetics program which was phased out because of lack of funds.

Area Health Education Consortium of Treasure Valley, in affiliation with the Boise VAMC, July 1975 - June 1978. This program developed a unified approach to nursing education in Idaho through a Statewide nursing education planning body (in which the Boise VAMC participated) by developing a comprehensive nursing curriculum, demonstrating the feasibility of hospital primary nursing as an educational model, and providing counsultation and continuing education related to implementing standards for nursing practice. Support from State and local funds has permitted continuation of this activity after grant termination.

University of California, San Francisco, in affiliation with the San Francisco VAMC, July 1975 - June 1978. This program was directed toward expediting the career development of recently-graduated nurses. A six-month internship was designed to increase the skill and knowledge base of nurses during the first six-months of a post-baccalaureate work experience and to mesh learned concepts with the realities of hospital life. Of the 33 nurses who participated in this program during its three-year life, 16 were employed by the San Francisco VAMC. This program provided the University and the VA a more clear perspective of the needs of new nursing graduates.

New England Hospital and Health Foundation Inc., in affiliation with the Manchester VAMC, July 1975 - June 1978. The Manchester Health Education Consortium, under the auspices of the New England Hospital and Health Foundation, Inc., offered numerous health services and management courses, provided consultation to hospital and health personnel, and developed learning resources for consortium use. The Manchester VAMC was actively involved in consortium activities. In the last year of grant support, program income increased to a point where it could be counted on as a future resource item and the member hospitals agreed to financially support the consortium for the next year. The VAMC's contribution will include office space and course participants.

Bangor Community College, University of Maine, in affiliation with VA Medical Center Togus, July 1977 - June 1978. This supplement to a dental hygiene - dental assistant program provided a one year supplemental award for equipment purchases to enable the teaching program to accommodate up to 12 entering dental assistant students. By July of 1979 the enrollment had reached this level and the equipment was in use. Final reporting on the program will follow at the end of the base grant.

University of Iowa, in affiliation with the Iowa City VAMC, July 1975 - August 1978. A clinical pharmacy service was established on the psychiatry ward at the Iowa City VAMC to service as a psychopharmacotherapy teaching center for undergraduate pharmacy students and clinical pharmacy residents. During the three-year grant, in addition to being utilized for training pharmacy students, the center provided educational experiences for nursing and undergraduate medical students. Also, continuing education symposia for pharmacists in the VA system were presented. This interdisciplinary program is being continued as a joint effort of the University and the Iowa City VAMC.

Yale University, in affiliation with West Haven VA Medical Center, July 1974-June 1979. The University has increased the enrollment in its physician's assistant (P.A.) program from 18 to 24, developed clinical clerkships at VA Medical Centers West Haven and Northampton with 16 other clinical rotation sites. Didactic methods have been studied closely with the result that self-assessment and self-teaching techniques have been made a part of the curriculum. During the grant period, the number of program graduates was 105 P.A.'s, of whom 19 were veterans. Acceptance of P.A.'s has been excellent in terms of employment opportunities. The school is continuing the program at the current level of 24 students, retaining also its present clinical sites including the 2 VA Medical Centers.

Quinnipiac College, in affiliation with West Haven VA Medical Center, July 1974-June 1979. The college has been able to double the student enrollment from 30 to 60 in its 4-year baccalaureate program in OT and PT, as well as enriching the program content and offering additional clinical experience, in the West Haven VA Medical Center. The school and the VA Medical Center have been very pleased with the results from the student and patient care standpoints, and both institutions have indicated they will continue the program after grant support ceases, at the enlarged class size level. The quality of training increased sufficiently to warrant expansion of activities into continuing professional education and graduate study. The relationships developed so far have been so good that they have led to mutual development of other sharing opportunities between the school and the VA Medical Center.

University of Florida, in affiliation with Gainesville VA Medical Center, July 1974 - June 1979. The University established a continuing education program for nurse practitioners, with emphasis on extended care responsibilities. Because student recruiting and support were very difficult, the school proposed, and VA approved, a change in grant purposes, to incorporate the program into the graduate curriculum with extension of the training into family health responsibilities. This permitted student concentration in any one of these areas but at a graduate level, with appropriate scholastic credit and the opportunity to be eligible for Federal traineeships. There were 12 admissions and 12 graduates of the program, prior to the Fall 1977 change in format and coverage. Following this change (from Fall 1977 to Spring 1979) there have been 93 admissions and 21 graduates. The University is continuing the program, after the end of grant support, at this higher level of enrollment and considers the experimental start up period to have been a valuable experience in determining how to initiate new programs. Of interest to the VA is that of the first 12 graduates, 5 work for 3 different VA Medical Centers and 1 works for USPHS. Information was not available on employment of the 1979 graduate group of 21.

University of Kentucky, in affiliation with VA Medical Center Lexington, July 1974 - June 1979. The College of Pharmacy in the University of Kentucky used this grant support to design, test and implement training in pharmaceutical technology to supplement the regular pharmacy curriculum. This training was offered as an elective in the program 9 times, then was incorporated into the regular pharmacy practice sequence for all students. The VA Medical Center was integrated into the program as the clinical clerkship portion of the training.

Towson State University, in affiliation with VA Medical Center Fort Howard, July 1974 - June 1979. The University made use of this grant support to assist in establishing a 4 year baccalaureate program for Occupational Therapy (OT), including development of field work experience and a continuing education program. The enrollment per class has been at a level of about 30, and the total enrollment of the 1st 4 classes came to 128. The VA Medical Center provides clinical experience for about 40 of these students during the year, and there is a total of 12 clinical sites for such experience. Formal professional accreditation was granted in 1978, and all students have done well in national certification exams. All but 2 of the 1979 graduates had found employment by June 1979. The continuing education program is now available regularly and is planned and operated in cooperation with state and local health officials. The school has implemented its intent to continue the program at the present level.

College of St. Benedict & St. Joseph, Minnesota in affiliation with VA Medical Center St. Cloud, July 1, 1977 - June 30, 1979, for a mental health associate program. This 2-year program funding has been completed with 17 graduates and 6 who will continue to graduation from the 2-year program in mental health associate skills. Employment seems not to be a problem in the community; but it has been difficult for the VA to hire these graduates. The College administration chose not to continue the program after current students have graduated.

University of Mississippi, in affiliation with Jackson VA Medical Center, July 1974 - June 1979. The University's School of Health Related Professions has firmly established the only Mississippi physical therapy (PT) training program, which is addressing the great need for PT's in the State. This grant support started during the first year of the new program and provided the extra impetus needed to expand and improve the program and to receive early professional accreditation. Enrollment has increased from 17 to 47, and 5 classes were graduated (98 individuals) in the period of grant support. Of these graduates 65 are practicing in the State and 15 others in contiguous States. In addition the faculty has doubled, the number of practical experience sites has changed from zero to 30, of which 3 are VA Medical Centers. The curriculum developed in the program has been formally accepted in the University's course catalog and the entire program is being continued at its current level, after the grant support has ended. Continuing education activity has been developed along with the regular curriculum and provides opportunity for all State PT's to maintain and upgrade their skills. The affiliation with the VA Medical Center has flourished and extended to areas other than those covered under grant support.

University of Mississippi in affiliation with VA Medical Center Jackson, July 1974-June 1979. The University's School of Health Related Professions has established, during this grant period, a medical records transcription program with a short-term, highly concentrated individualized, self-paced program, using the VA Medical Center as the primary clinical facility. The program was so successful that the grantee was asked to set up satellite programs at a total of 20 sites in Mississippi and Arkansas, utilizing various health care facilities, usually county or private hospitals. As of June 1979, the school has graduated 74 individuals from this program. The school is continuing the program in affiliation with the VA Medical Center, following the end of grant funding, and 6 of the 20 satellites are continuing their support and participation. If the demand in Mississippi increases beyond the current level, the school will consider initiating a second class in the Jackson area, with additional clinical affiliations. In addition the school offers "refresher" courses in response to special requests.

Bronx Community College, in affiliation with Bronx VA Medical Center, July 1975 to June 1979. The grant was used to assist the college in offering career ladder opportunities to Bronx VA Medical Center employees, veterans and college students in the medical lab technology and practical nursing fields. This satellite program is based primarily at Bronx VA Medical Center and has had good enrollments-between 85 and 100 students per year. As many as 38 veterans have been in the program at one time (academic year 1977-78) a very high percentage of total students. Final reporting is not yet complete.

Westchester Community College, in affiliation with VA Medical Center Montrose, July 1974 - June 1979. With this grant support, the college initiated a 2 year associate degree dietetic technician program. The enrollment is now at 45, a level the college intends to maintain. All students rotate through the VA Medical Center as well as one or more of several other clinical affiliate hospitals. The curriculum development has proceeded to the point of incorporation into the regular college offerings. Full accreditation has been conferred by the ADA. Final reporting is not yet complete.

Edinboro State College in affiliation with VA Medical Center Erie, July 1975-June 1979. Grant support has assisted the college in establishing a Master of Arts in Speech Pathology and Audiology and in improving the undergraduate program. Over 30 students have received the MA degree and over 50 graduate students are enrolled. Final reporting is not yet complete.

Southwest Texas State University in affiliation with VA Medical Center's Temple, Waco, Marlin, July 1975 - June 1979. Grant support has been used to assist the University in initiating a comprehensive four - component expansion and improvement in health care education. The aims were (1) to produce technically/clinically trained, non-credentialed health personnel in less than two years (2) to provide educational and clinical experience relevant to fulfulling credentialing requirements, (3) to offer C.E. for maintaining competency as well as for upgrading skills, and (4) to promote career mobility. The effort has been successful in enlarging overall enrollment by reaching a wider potential student population, in developing medical technology and medical record administration programs that are accredited, and in expanding accessibility to health care management training. Health planning, long term care and BS-nursing programs have been developed but not approved by the University Coordinating Board. The overall enrollment has increased from 880 to about 1100 and the number of students at the VA has increased from 60 to about 300 (during an academic year). Final reporting is not yet complete, but the school has taken over program funding and is continuing programs already started.

Texas Woman's University, in affiliation with VA Medical Center Dallas, July 1974 - June 1979, Texas Woman's University has utilized this grant support to enlarge its occupational therapy (OT) program enrollment from 268 to 869, and to broaden its clinical experience base by placing students at the VA Medical Center. The program was accredited professionally in 1975 and again in 1978. The practical experience at Dallas VA Medical Center covers traditional activity plus many special areas including the hemodialysis unit, cardiac care unit, orthopedics, neurology, rheumatology, hospital based home care service, psychiatric day care center, drug dependence treatment center, psychiatry in-patient service. The school is continuing the program at its present level, with a full time faculty member assigned to the VA Medical Center.

Utah State University in affiliation with VA Medical Center Salt Lake City, July 1974 - June 1979. The University has established a Coordinated Undergraduate Program (CUP) Dietetics, with support from this grant, receiving formal accreditation in 1978. This is the only fully accredited CUP in Wyoming, Montana, Idaho, Oregon, Nevada, Arizona, New Mexico, Colorado, and Utah. The program will be continued at its current level, graduating 10-12 students per year, and utilizing the VA Medical Center for its primary clinical affiliate.

Weber State College in affiliation with VA Medical Center Salt Lake City, January 1975 - June 1979. The College has developed a Dental Hygiene (DH) curriculum, remodeled space to provide a teaching facility for D.H., started the teaching program and integrated the clinical experience at the VA Medical Center into the regular teaching activities. This new program has received professional accreditation in late 1979. VA Medical Center Dental Service staff have received academic appointments and this affiliation has proceeded smoothly. During the grant period there have been 56 graduates of the 3 year curriculum. Students receive an Associate Science degree and may go on to a BS, if they choose, in general studies or other available specific fields. The school has now taken over all operating costs and is continuing the program at its present level, also maintaining the activity at the VA Medical Center.

Medical College of Virginia (MCV), Virginia Commonwealth University (VCU), in affiliation with VA Medical Center Richmond, July 1974 - June 1979. This grant, administered through the School of Allied Health Professions, has enabled the school to accomplish the following in those 5 technical fields supported (medical technology, patient counselling, nurse-anesthesiology, physical therapy, and occupational therapy):

a) increase enrollment by more than 10%;

b) increase the number of students receiving clinical experience at the VA Medical Center from 50 to 225 per year;

c) greatly increase the service to patient aspects of the teaching program (for example-provide over 3000 hours of patient counseling);

d) enlarge faculty and transfer faculty and other support from grant to State funding;

e) increase the number of VA Medical Center staff having academic appointments;

f) greatly strengthen and broaden the affiliation with the VA Medical Center;

g) improve the curriculum for all parts of the school's health training;

h) enhance and increase markedly the quality and quantity of accredited continuing education and in-service education.

Medical Care Development, Inc, in affiliation with the Togus VA Medical Center October 1977 to September 1979. This grant support was used to assist in continuing the Central Maine Family Practice Residency Program. At its peak the program had 18 residents, 6 per class, rotating through the participant hospitals. Unfortunately, continuation of the program at its present level is not possible, although arrangements for partial continuation are under discussion. Final reporting is not yet complete.

Area Health Education Consortium for Southeast Nebraska, in affiliation with VA Medical Center Lincoln, October 1977 - September 1979. This supplement to a continuing education for health workers program, provided funds to permit temporary continuation of VA participation in the expansion of a developing family practice residency program. The consortium has completed plans to continue the program after grant support terminates. Final reporting is not yet complete.